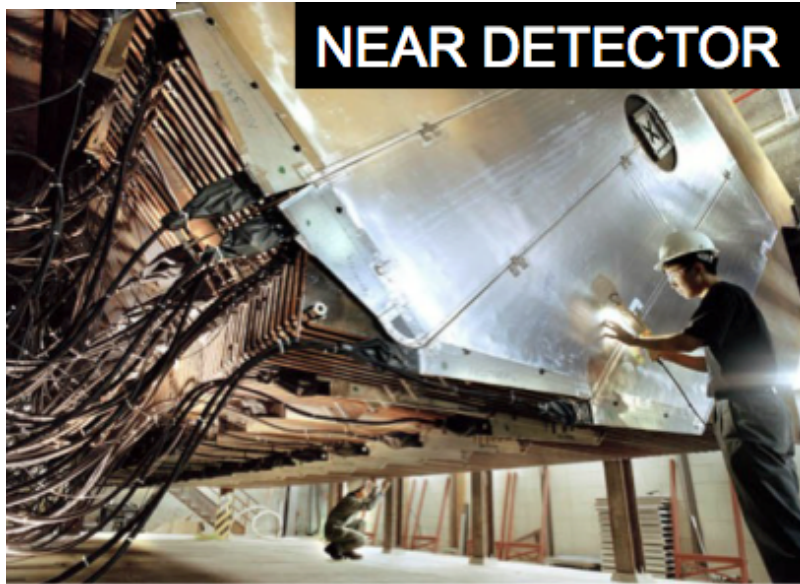




MINOS Status Report



- Week of 01/30/2012 (to 01/31/2012)
 - Live time: 72.7%
 - POT fraction: 99.8%
 - End effects for < 1 1/2 days
- Many items in underground during shutdown
 - Electrical work Friday morning to add new circuit to MINOS panel for TOF racks; still running conduit and wiring to new panel at rear of detector. Took about 4 hours to bring MINOS up Friday afternoon after half of electronics racks off due to outage
 - ND magnet maintenance and repair by Walt J.
 - Measurements of pixel detectors and detector latencies last week and continuing this week; also, GPS work at both near and far detectors
 - Testing of new TOF readout; problems with configuring DAQ to add data in new Minder
 - Repair/investigation of front-end problems
 - Minder with low rate looks like dead, noisy PMT; shows no change with increasing HV
 - Minder with low rate does not look like PMT problem; gain changes with HV. But trigger rate does not change and 3 swaps of Minder in recent weeks
 - Bad channel fixed with Minder replacement
 - Bad Master fan pack replaced; new fan pack seemed to work but showed error
 - New bad channel just appeared today, will be repaired



MINOS Status Report



- Week of 01/30/2012 (to 01/31/2012)
 - Live time: 89.7%
 - POT fraction: 94.8%
- Problems with networking to Soudan
 - Some downtimes ≤ 5 minutes, but fiber optics down shaft seems to be holding up
 - Router with problems replaced today
- Working on upgrading some nodes from SL4 to SL5